

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097982.D
 Acq On : 23 Aug 2017 4:39
 Operator : SJ/JU
 Sample : I4909-01 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-082117

Manual Integrations
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Sohil
 8/23/2017 3:04:08 PM

Quant Time: Aug 23 05:23:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	131075	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	483597	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	182151	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	294601	20.00	ng	0.00
75) Chrysene-d12	13.90	240	273305	20.00	ng	0.00
86) Perylene-d12	15.33	264	186988	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	202795	23.53	ng	0.00
7) Phenol-d6	6.37	99	275997	23.57	ng	-0.01
23) Nitrobenzene-d5	7.31	82	159674	17.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	31542	19.96	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	277344	22.37	ng	0.00
78) Terphenyl-d14	12.85	244	190789	14.56	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	30003	2.253	ng	Qvalue # 99
70) Phenanthrene	11.29	178	38838	2.474	ng	100
74) Fluoranthene	12.47	202	81736	4.988	ng	99
77) Pyrene	12.70	202	112892	5.050	ng	97
80) Benzo(a)anthracene	13.89	228	49438	3.018	ng	94
82) Chrysene	13.92	228	50788m	3.117	ng	
87) Benzo(b)fluoranthene	14.92	252	43014m	3.649	ng	
89) Benzo(a)pyrene	15.26	252	30069	2.882	ng	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

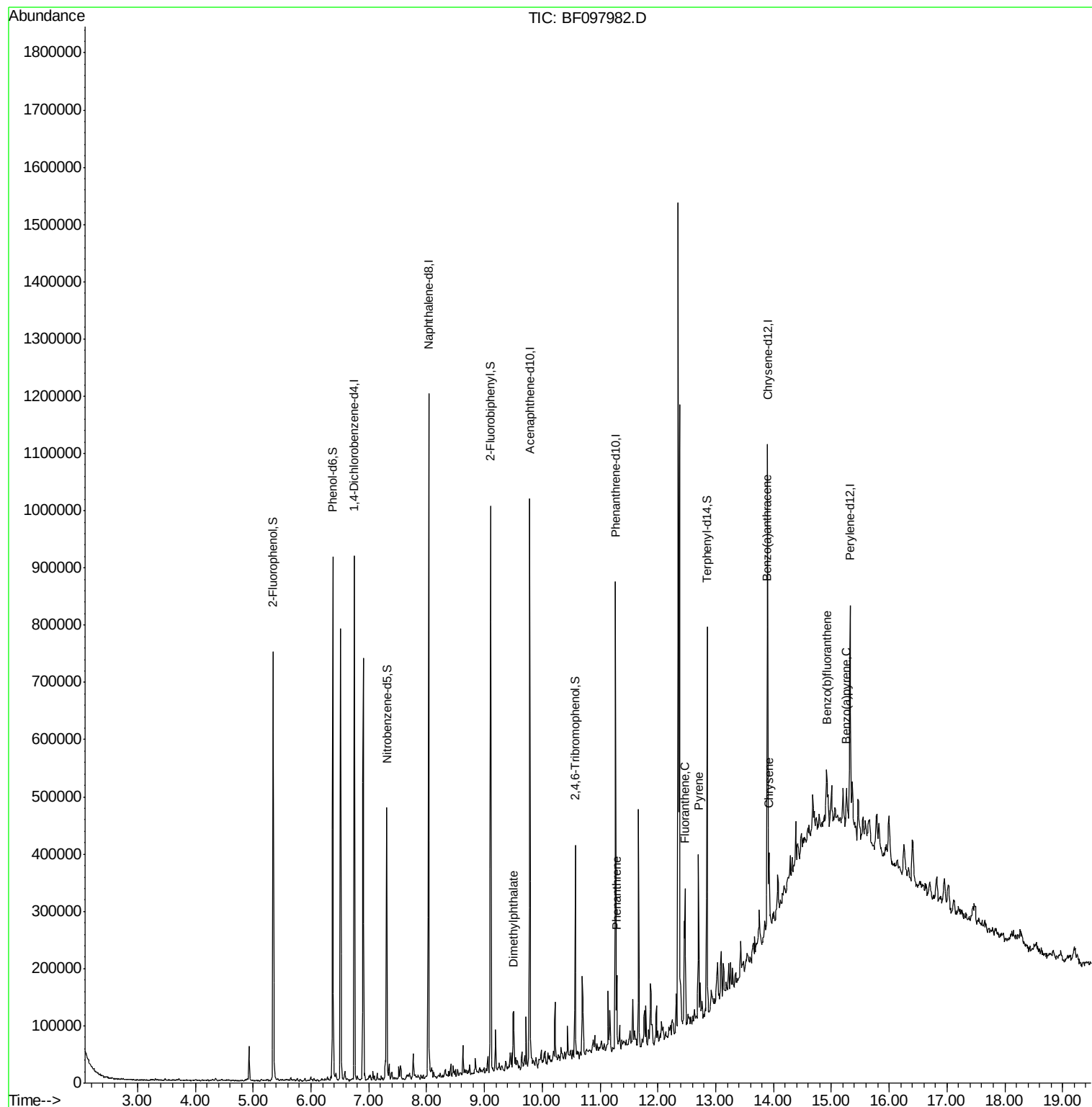
Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
Data File : BF097982.D
Acq On : 23 Aug 2017 4:39
Operator : SJ/JU
Sample : I4909-01 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

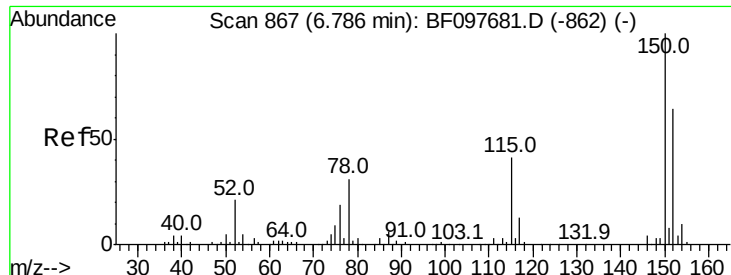
Instrument :
BNA_F
ClientSampleId :
SU-04-082117

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Quant Time: Aug 23 05:23:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration





#1

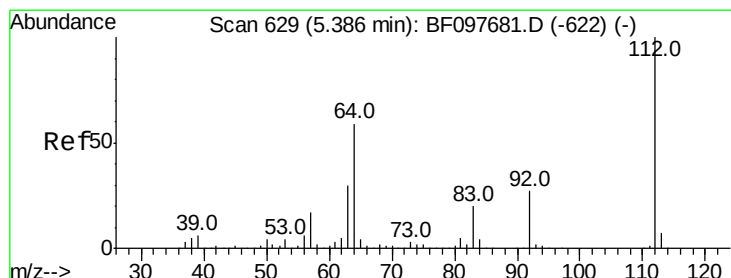
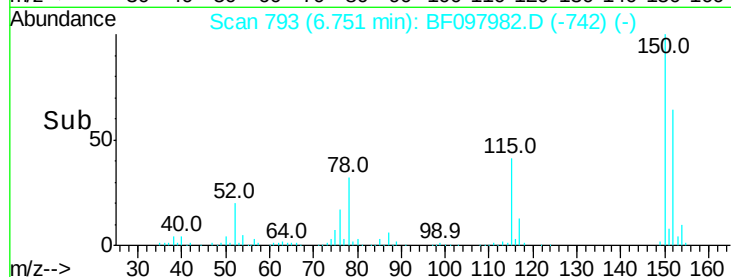
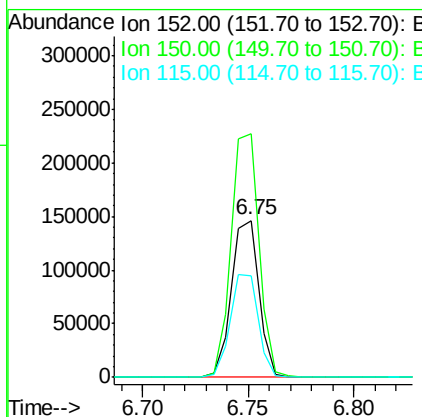
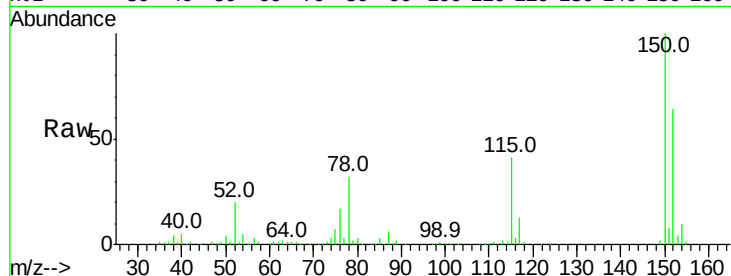
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BF097982.D
 Acq: 23 Aug 2017 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-082117

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.4	126.2	189.2
115	64.4	52.2	78.2

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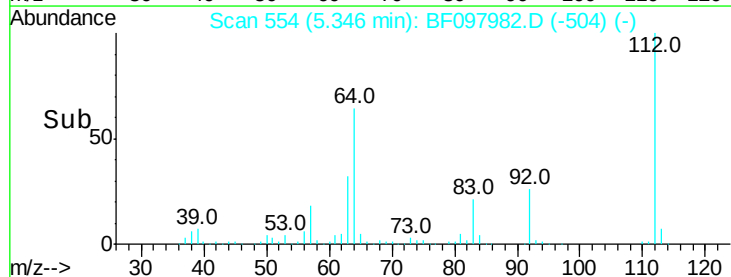
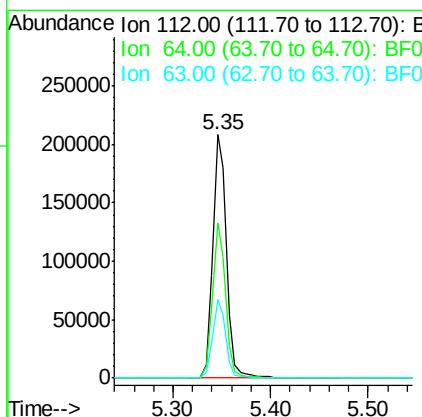
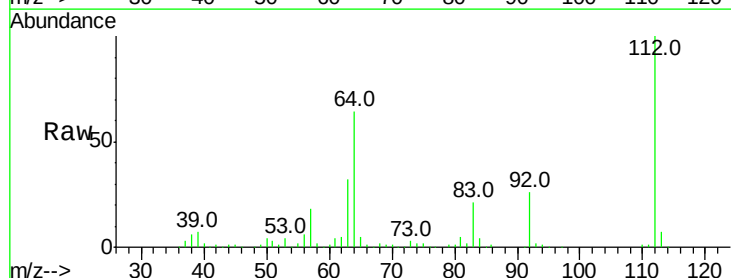
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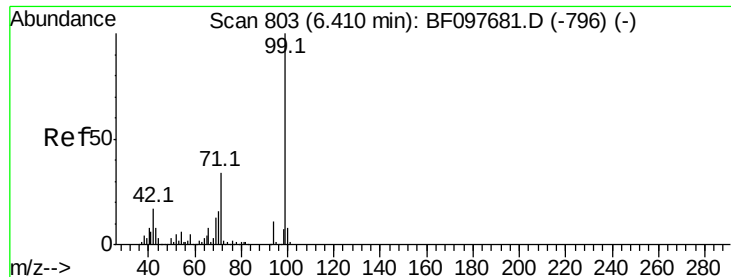


#5

2-Fluorophenol
 Concen: 23.534 ng
 RT: 5.35 min Scan# 554
 Delta R.T. -0.01 min
 Lab File: BF097982.D
 Acq: 23 Aug 2017 4:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.6	46.0	69.0
63	32.1	23.4	35.0





#7

Phenol-d6

Concen: 23.573 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF097982.D

Acq: 23 Aug 2017 4:39

Instrument :

BNA_F

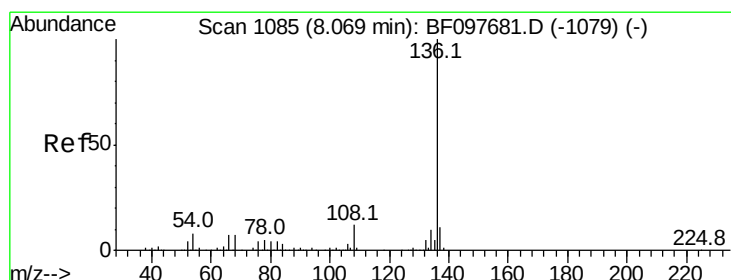
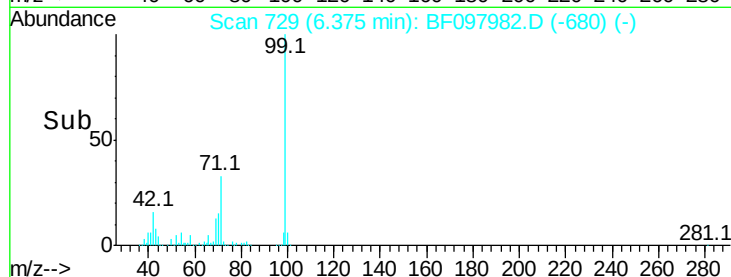
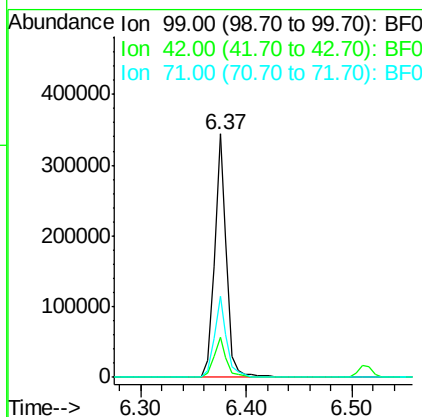
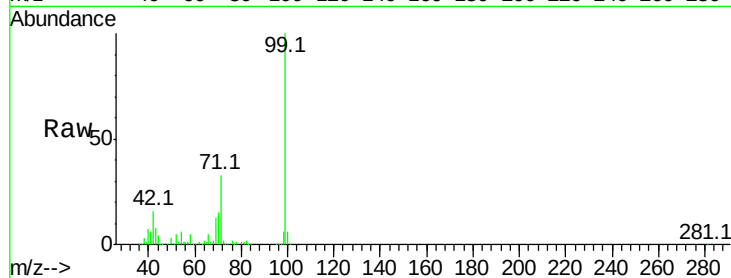
ClientSampleId :

SU-04-082117

Tot Ion:	99	Resp:	275997
Ion Ratio	Lower	Upper	
99	100		
42	16.4	13.5	20.3
71	33.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

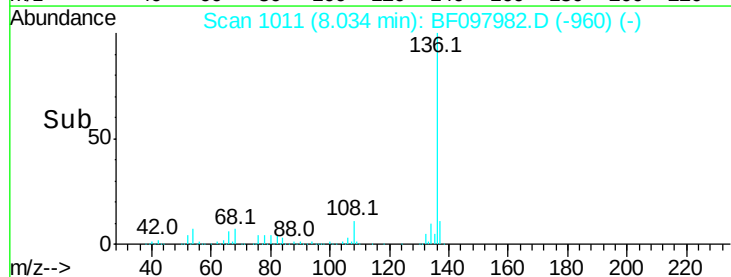
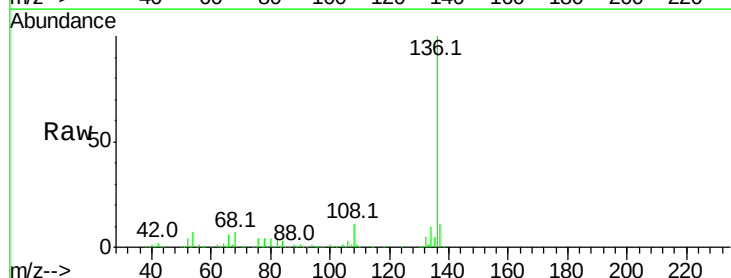
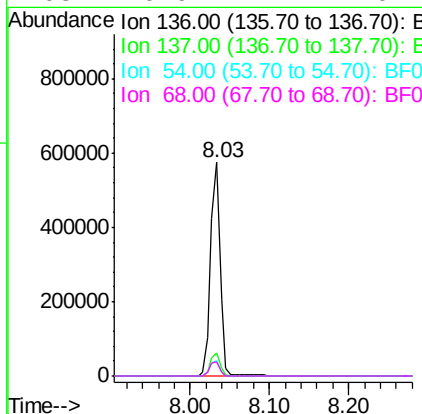
RT: 8.03 min Scan# 1011

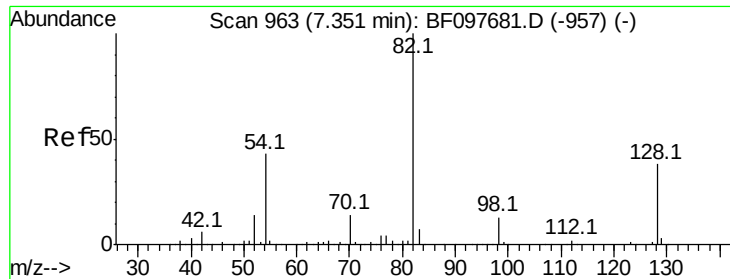
Delta R.T. 0.00 min

Lab File: BF097982.D

Acq: 23 Aug 2017 4:39

Tgt Ion:	136	Resp:	483597
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	7.2	4.9	7.3
68	6.9	4.1	6.1#





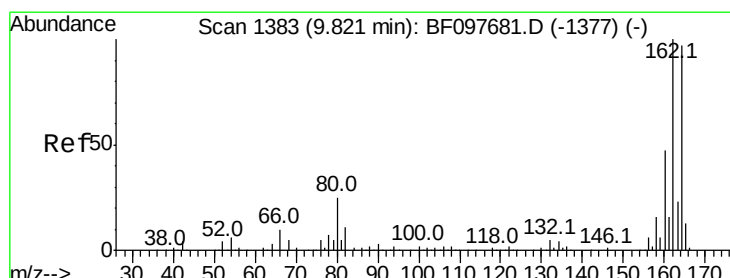
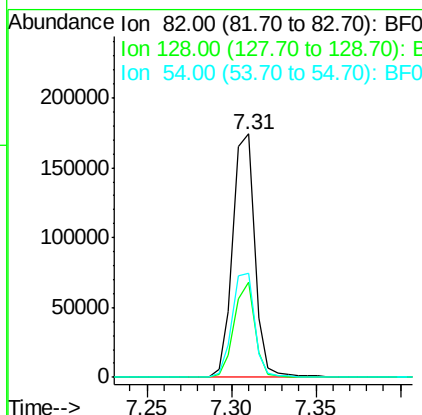
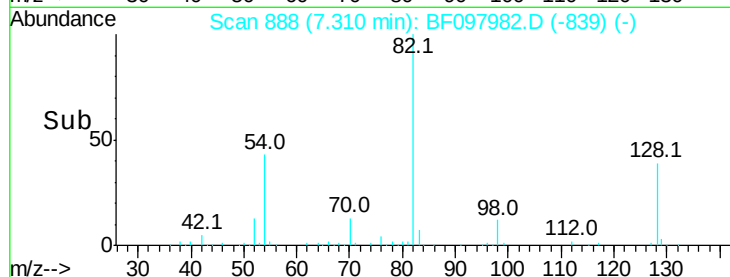
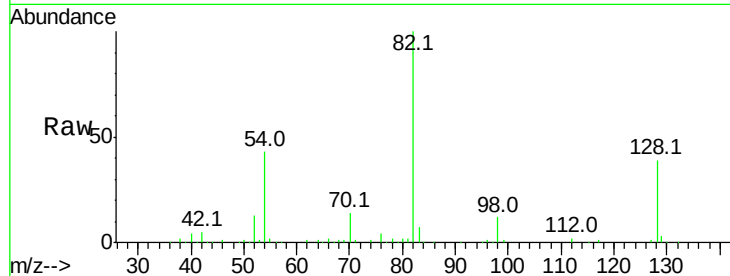
#23
 Nitrobenzene-d5
 Concen: 17.937 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097982.D
 Acq: 23 Aug 2017 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-082117

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.1	34.0	51.0	
54	42.6	42.2	63.2	

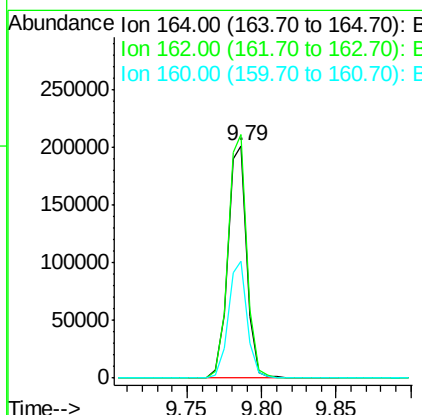
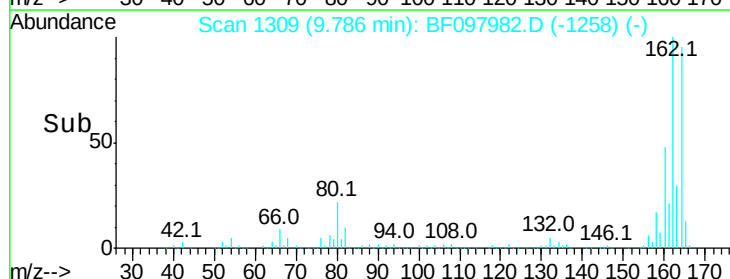
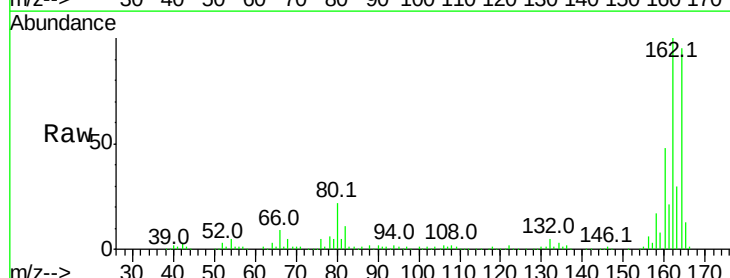
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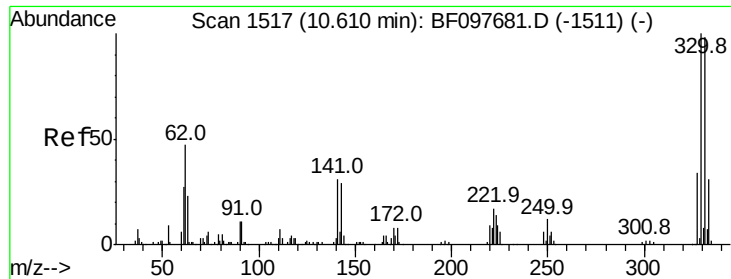
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097982.D
 Acq: 23 Aug 2017 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.8	82.6	123.8	
160	50.2	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 19.958 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097982.D

Acq: 23 Aug 2017 4:39

Instrument :

BNA_F

ClientSampled :

SU-04-082117

Tot Ion:330 Resp: 31542

Ion Ratio Lower Upper

330 100

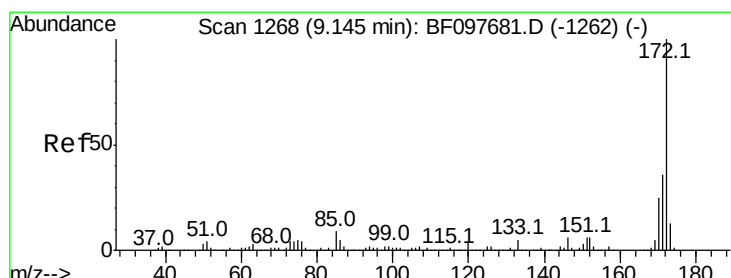
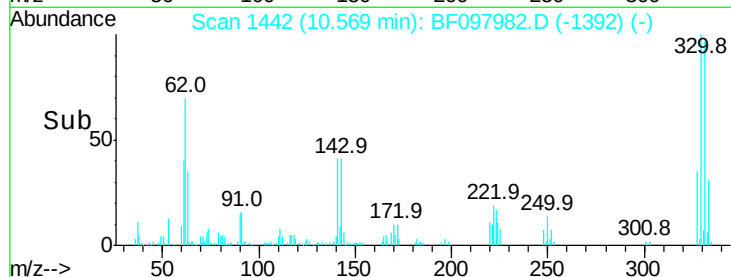
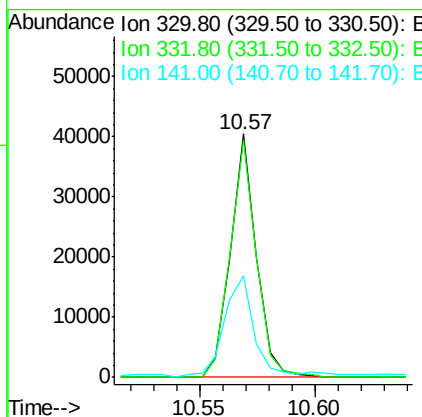
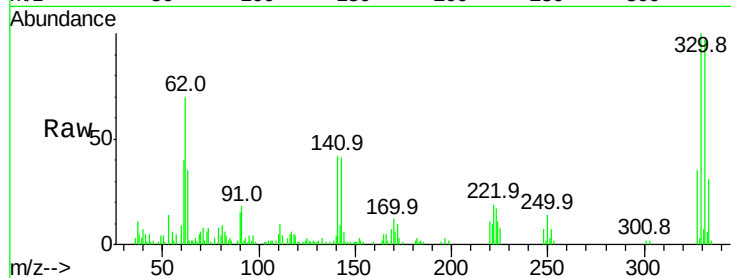
332 99.0 76.6 115.0

141 51.4 31.4 47.2#

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#44

2-Fluorobiphenyl

Concen: 22.370 ng

RT: 9.10 min Scan# 1193

Delta R.T. -0.01 min

Lab File: BF097982.D

Acq: 23 Aug 2017 4:39

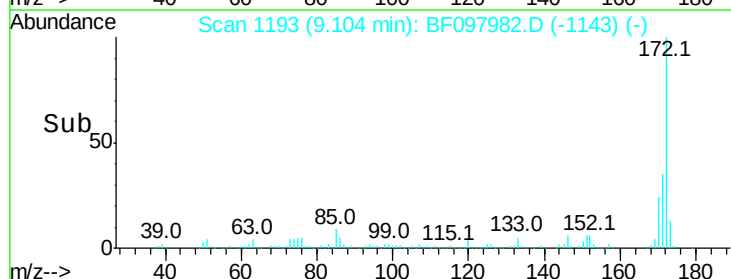
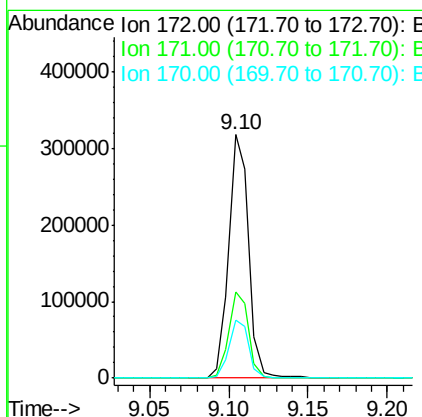
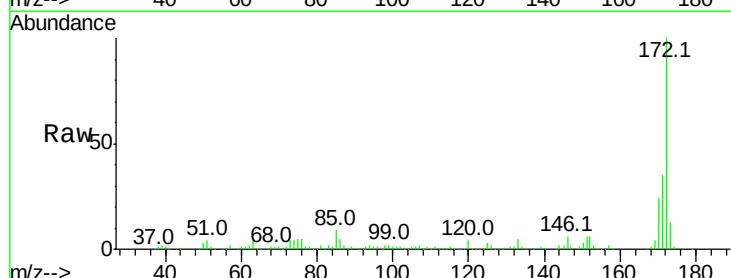
Tgt Ion:172 Resp: 277344

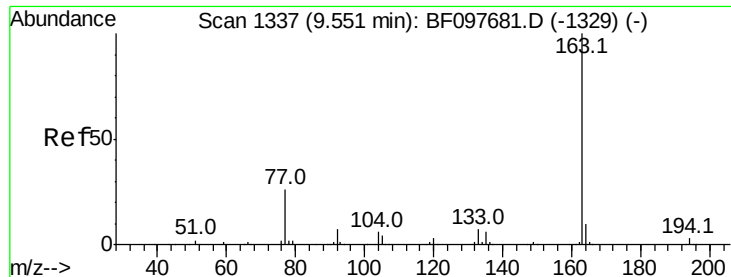
Ion Ratio Lower Upper

172 100

171 35.1 29.6 44.4

170 23.7 19.8 29.8





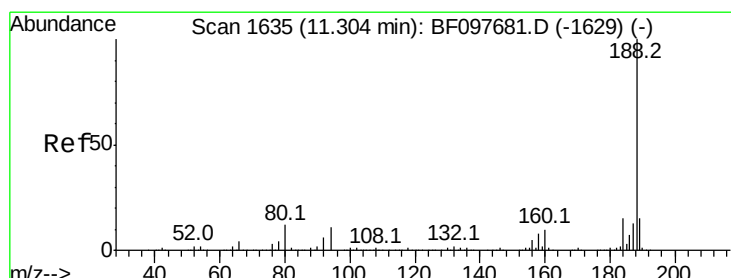
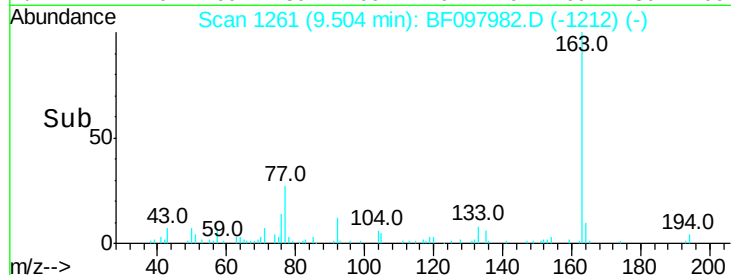
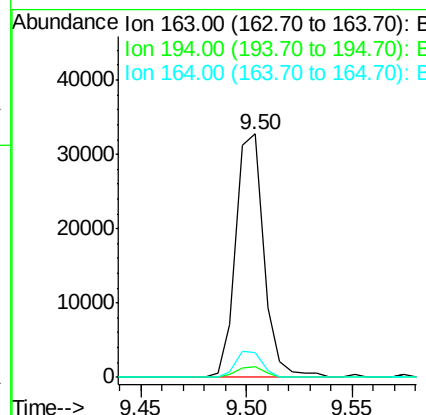
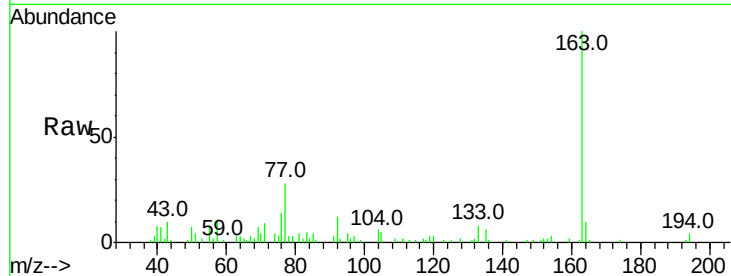
#49
Dimethylphthalate
Concen: 2.253 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.4	2.6	4.0#	
164	10.3	8.4	12.6	

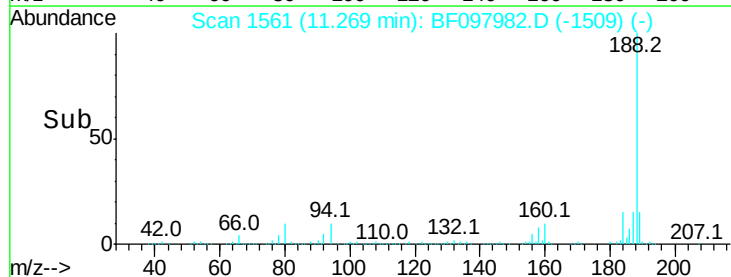
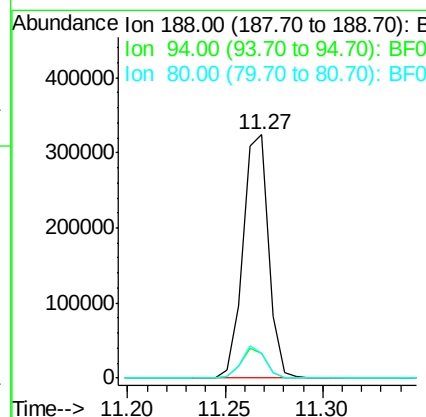
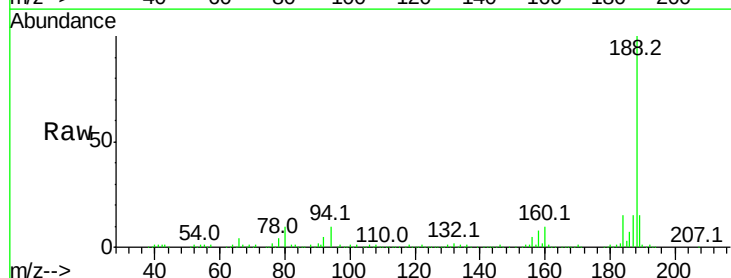
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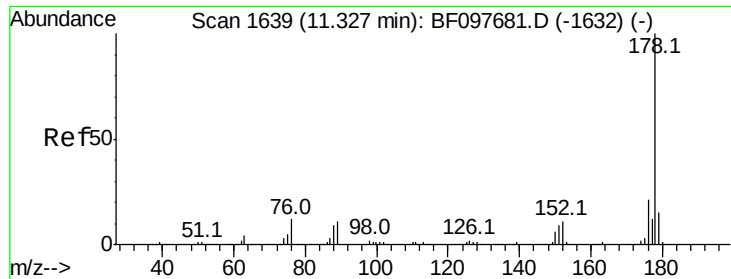
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.27 min Scan# 1561
Delta R.T. 0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	10.3	9.4	14.2	
80	10.3	10.2	15.2	





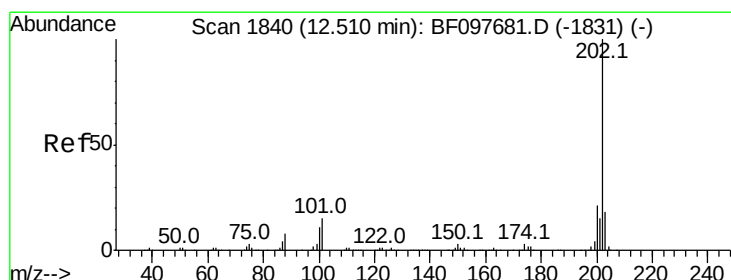
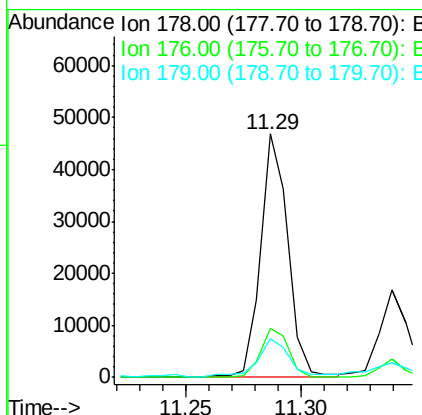
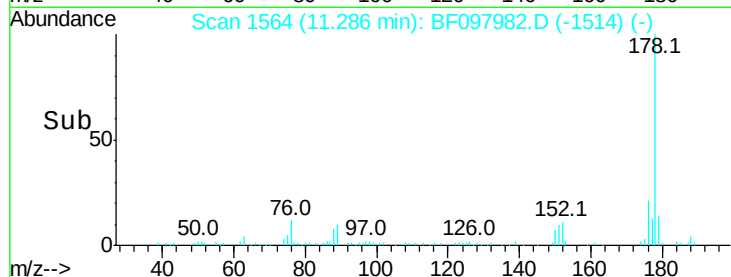
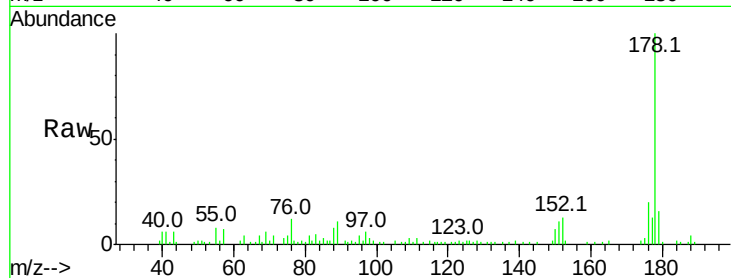
#70
Phenanthrene
Concen: 2.474 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.4	16.2	24.4
179	15.9	12.6	19.0

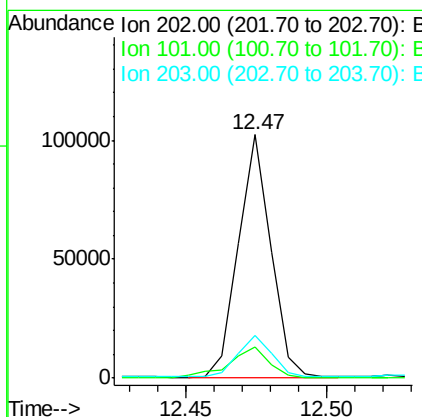
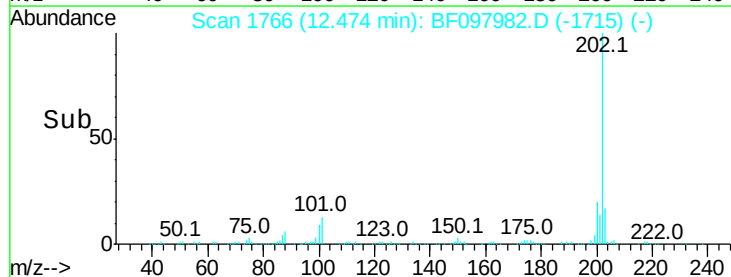
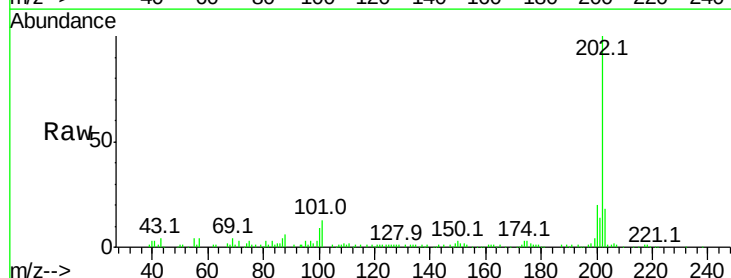
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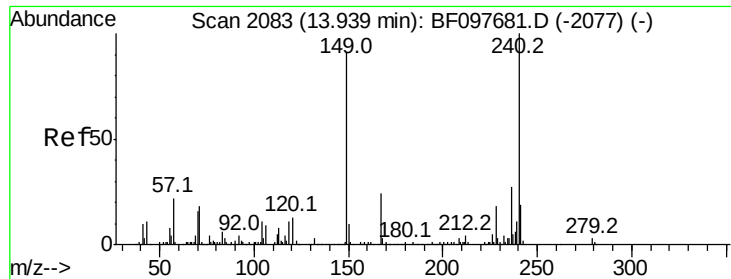
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#74
Fluoranthene
Concen: 4.988 ng
RT: 12.47 min Scan# 1766
Delta R.T. 0.00 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	33.2
203	17.8	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097982.D

Acq: 23 Aug 2017 4:39

Instrument :

BNA_F

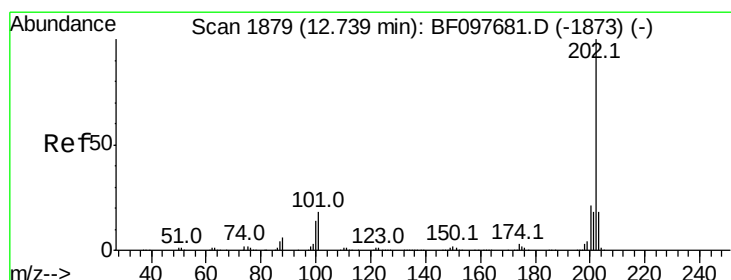
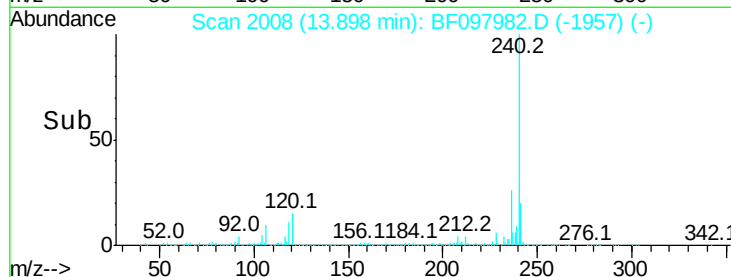
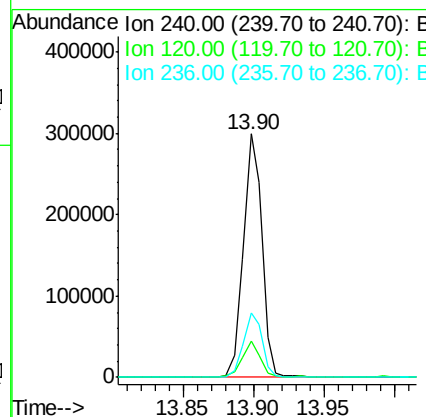
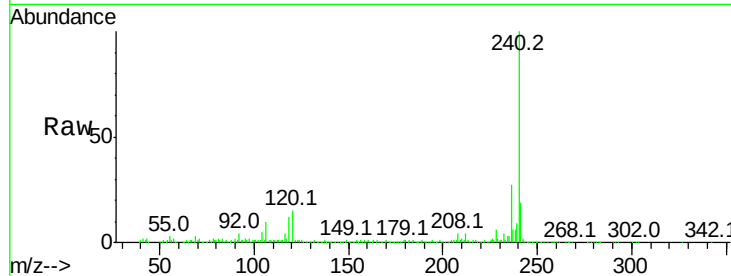
ClientSampleId :

SU-04-082117

Tot Ion:	240	Resp:	273305
Ion Ratio	Lower	Upper	
240	100		
120	14.8	5.8	8.8#
236	26.6	20.5	30.7

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#77

Pyrene

Concen: 5.050 ng

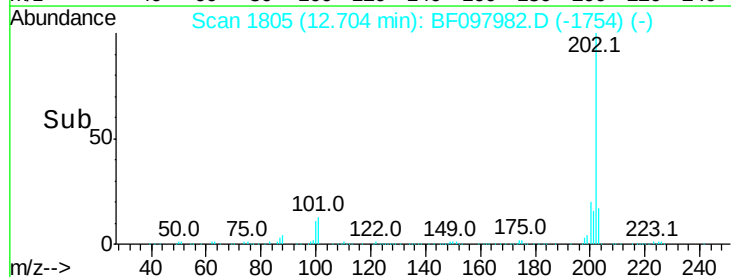
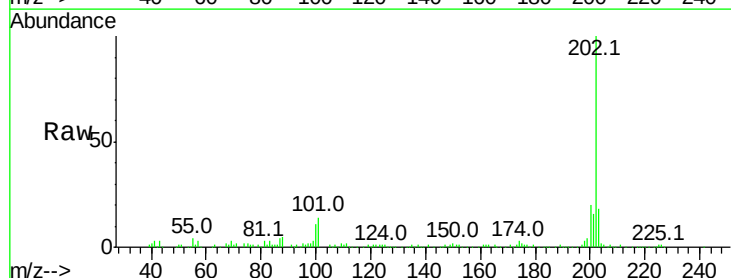
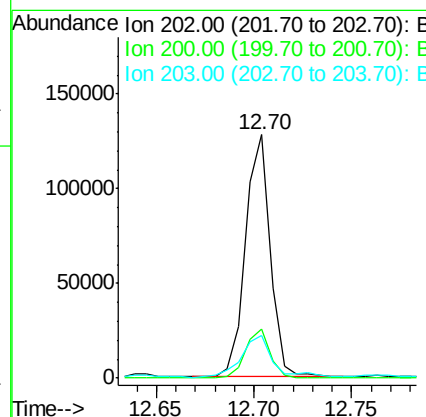
RT: 12.70 min Scan# 1805

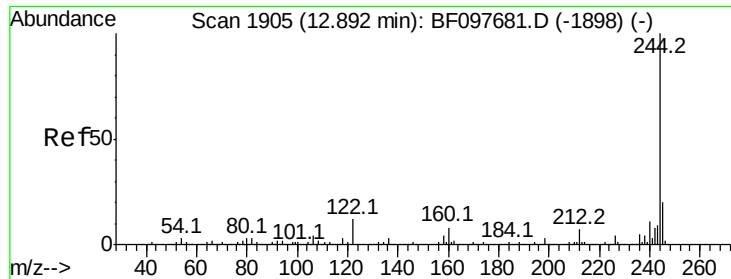
Delta R.T. 0.00 min

Lab File: BF097982.D

Acq: 23 Aug 2017 4:39

Tgt Ion:	202	Resp:	112892
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.6	26.4
203	17.5	14.4	21.6





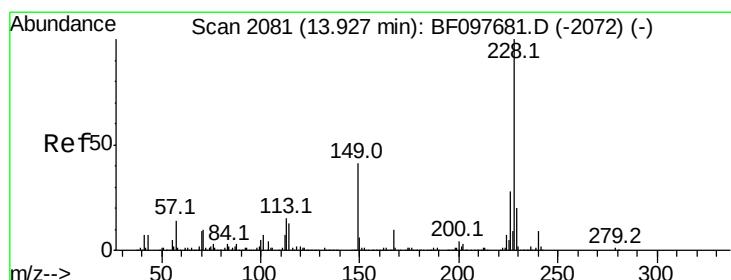
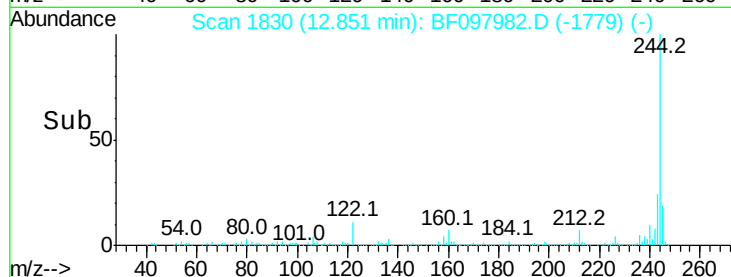
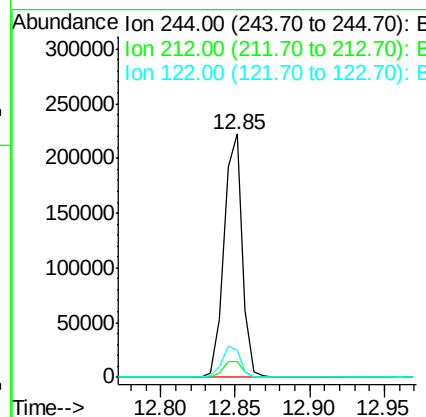
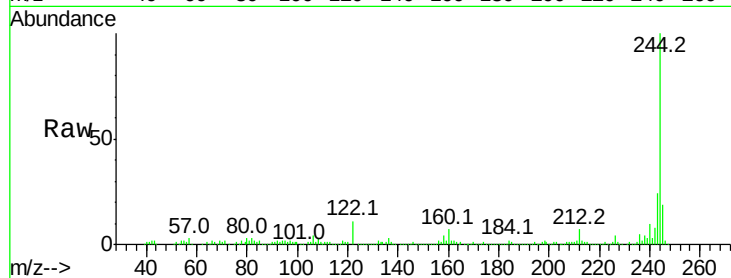
#78
 Terphenyl-d14
 Concen: 14.557 ng
 RT: 12.85 min Scan# 1830
 Delta R.T. 0.00 min
 Lab File: BF097982.D
 Acq: 23 Aug 2017 4:39

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-082117

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.0	9.0
122	11.4	10.3	15.5

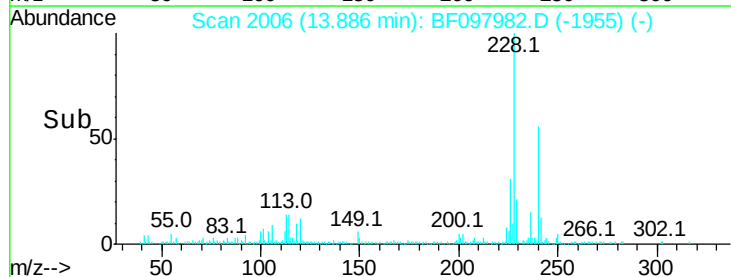
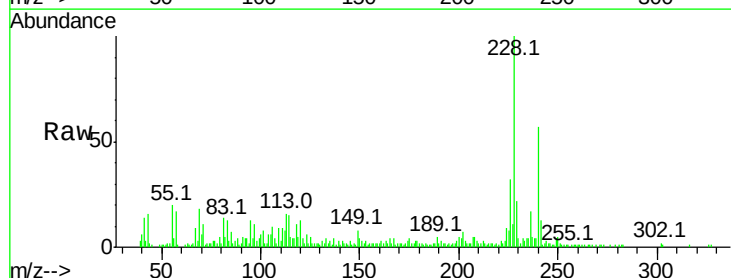
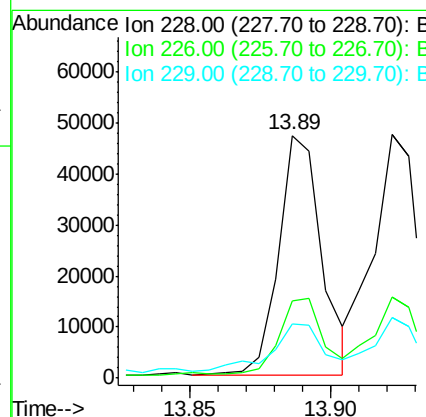
Manual Integrations
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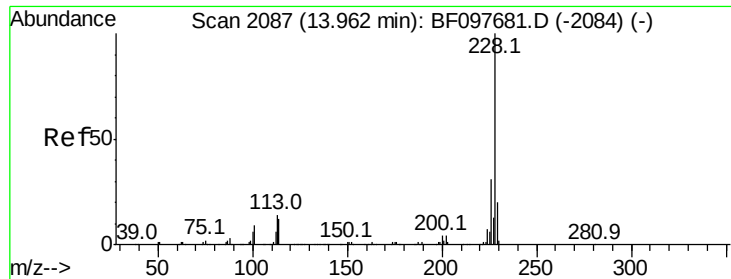
Sohil
 8/23/2017 3:04:08 PM



#80
 Benzo(a)anthracene
 Concen: 3.018 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.00 min
 Lab File: BF097982.D
 Acq: 23 Aug 2017 4:39

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	22.6	33.8
229	22.1	16.3	24.5





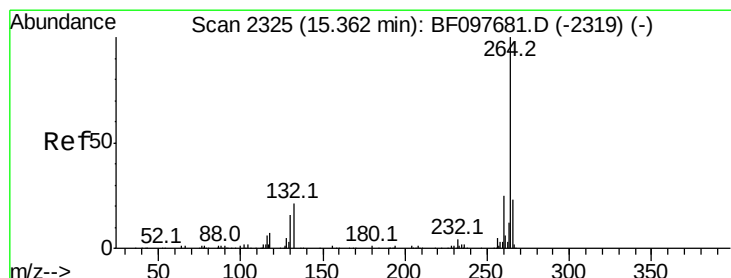
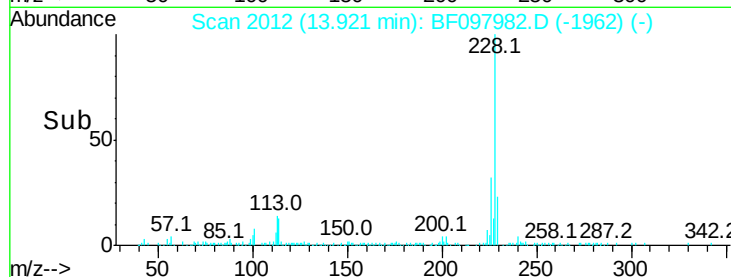
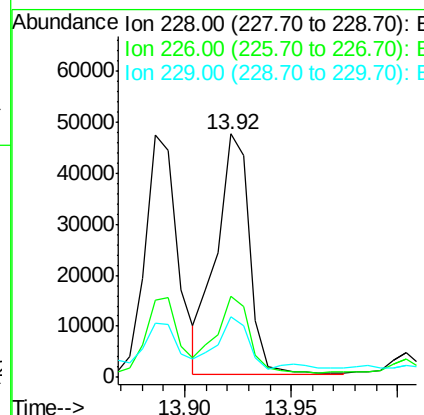
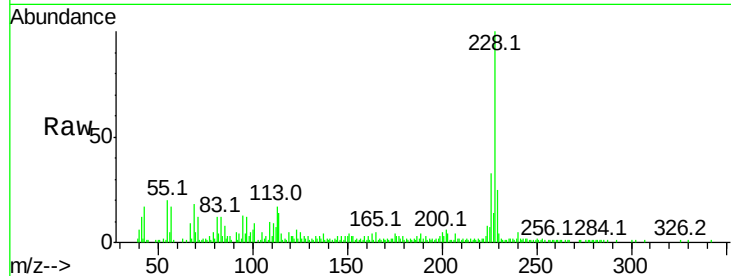
#82
Chrysene
Concen: 3.117 ng/mL
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.9	37.3
229	24.8	15.8	23.6

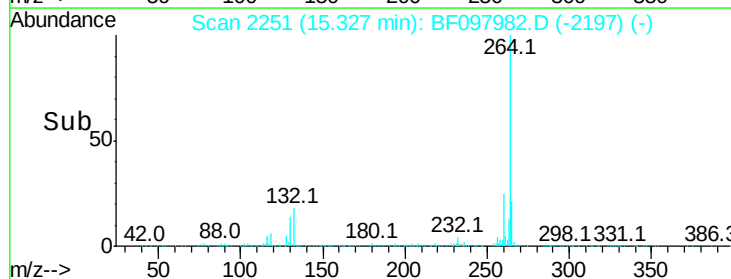
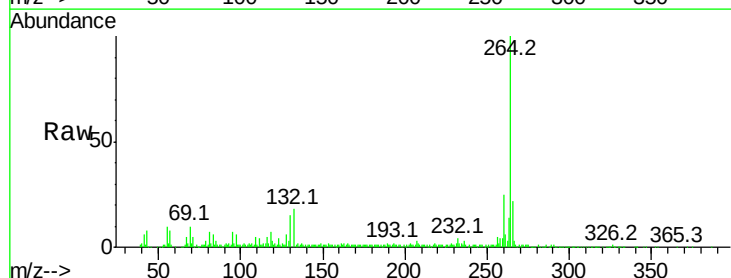
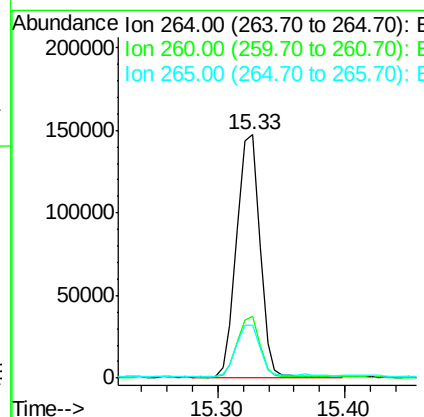
Manual Integrations
APPROVED

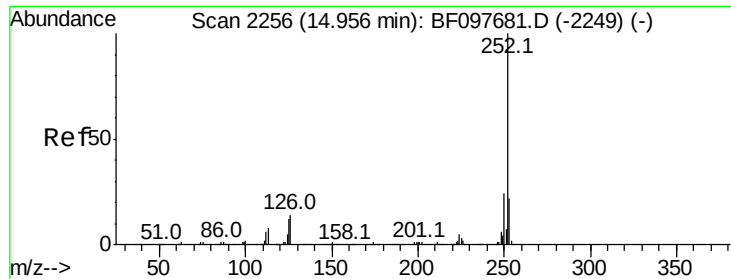
Sohil
8/23/2017 3:04:08 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2251
Delta R.T. 0.02 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.3	19.5	29.3
265	21.7	17.2	25.8





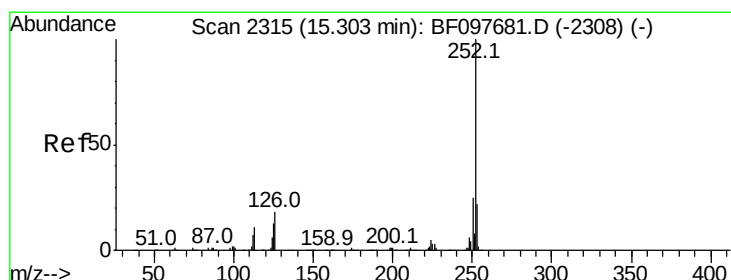
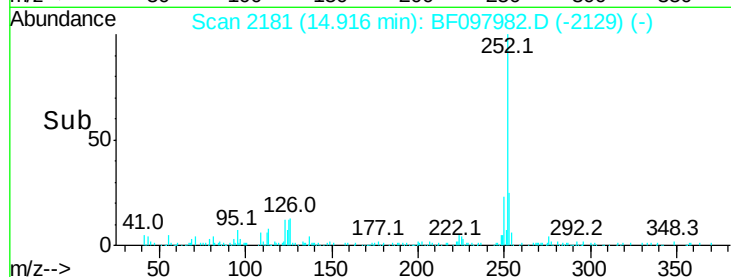
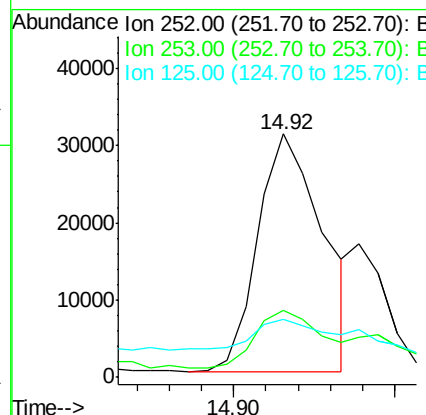
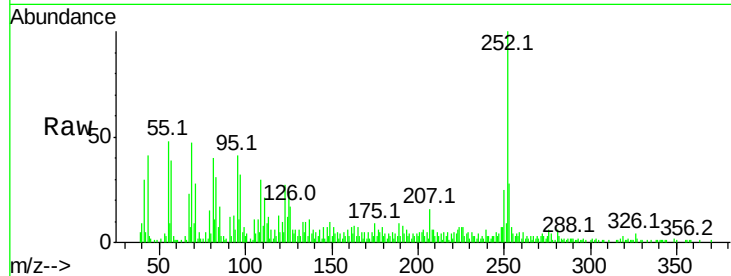
#87
Benzo(b)fluoranthene
Concen: 3.649 ng/mL
RT: 14.92 min Scan# 2181
Delta R.T. 0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Instrument :
BNA_F
ClientSampleId :
SU-04-082117

Tot Ion:	252	Resp:	43014
Ion Ratio	Lower	Upper	
252	100		
253	27.6	18.1	27.1#
125	24.0	9.8	14.8#

Manual Integrations
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Sohil
8/23/2017 3:04:08 PM



#89
Benzo(a)pyrene
Concen: 2.882 ng/mL
RT: 15.26 min Scan# 2240
Delta R.T. 0.01 min
Lab File: BF097982.D
Acq: 23 Aug 2017 4:39

Tgt Ion:	252	Resp:	30069
Ion Ratio	Lower	Upper	
252	100		
253	25.7	17.5	26.3
125	24.3	11.0	16.4#

